Digital Photography (10-assignment)

This is an integrated instructional module designed specifically to operate within a Modular Program environment. It is ideal for use with our Scantek Technology or IT2020 Information Technology programs. The module includes a 10-assignment exploratory curriculum that is split into two parts. Each part includes a pre-test and post test. The module includes hardware, software and curriculum materials sufficient to provide a complete learning experience.

The curriculum incorporates continuous assessment through questions. When used in conjunction with a ClassAct networked management system, this provides instant feedback of student performance. The assessments begin with a comprehensive pre-test. This quiz includes questions for each subsequent assignment, together with questions that will specifically test math and reading ability.

Every assignment starts with a series of questions designed to track inventory. These ensure that any missing items are located before they are needed.

Each assignment is divided into a series of tasks. Hands-on tasks form the core of the student work. Where appropriate, these are accompanied by research tasks based upon software applications. Assessment questions are incorporated into each task.

Typical 10-assignment topic areas include:
- Parts of a digital camera
- Introduction to PhotoImpact image editor
- Viewing and taking photographs

Typical 10-assignment topic areas include (continued):
- Lighting
- Tripod
- Lenses
- Filters
- Loading digital pictures into the computer
- Create, edit and distort an object
- Manipulating text
- Adding special effects
- Web page image design
- Poster design
- T-shirt printing

Typical 10-assignment activities include:
- Identify the parts of a digital camera.
- Identify the techniques for professional shot composition.
- Take pictures using the digital camera.
- Discover techniques used by photographers to produce special effects using lighting.
- Take pictures with the advantage of a lighting setup.
- Identify ways of taking a steady picture.
- Discover how lenses are used in photography
- Identify different types of lenses.
- Use filters to change the color of an image.
- Discover how conventional filters work.
- Compare conventional filters to digital filters.
- Identify how objects are used in creating images.
- Manipulate a photographic image.
- Add text to a project file.
- Apply special effects to a manipulated photographic image.
- Print out a completed poster.
- Explore the uses and careers available in the field of digital photography.
- Print a 'wanted' poster onto a T-shirt.

Each assignment is designed around a list of performance objectives. These lists include academic, technical and occupational objectives. The assignments are written in such a way as to enable a student to attain the performance objectives, with the assessment questions linked to these in order to provide a measure of true competency.

The performance objectives are used by the ClassAct management system to generate a comprehensive portfolio of student competency reports. Default reports supplied with this module include:
- Entry report
- Technical/Occupational Exit report
- Basic Skills report based upon the federal SCAN's report.

The items supplied with this instructional module include:
- 10-assignment On-Screen Student Assignment Guide CD
- 10-assignment Student Assignment Guide
- 10-assignment Student Workbook
- 10-assignment Instructor's Guide
- Computer Aided Instruction software
- Digital camera
- Docking station
- Tripod
- Lamp
- Color printer
- Printer paper
- Photo cards
- PhotoImpact software

Additional items required:
- Computer

Module Facts

For Technology Program, order as:
ST380/10 Digital Photography

For IT Program, order as:
IM2E Digital Photography

	No.	Average time
Assignments	10	45 minutes
Extension Activities	2	45 minutes
Total		9 hours

LJ Technical Systems
Web site: www.ljgroup.com

Ref No. P5071-F